

Attorney's Docket No.: 06816-017005

Amendment to the Claims:

This listing of claims replaces all prior versions, and listings, of claims in the application:

1. (Currently amended) A method of acquiring an image, comprising:

defining a plurality of pixel areas, each said pixel area covering a specific optical area of a charge accumulating substrate;

configuring each of said plurality of pixel areas as a portion ~~[[fo]]~~ of said substrate,

providing a photogate controlling a characteristic of said charge accumulating substrate;

~~providing a sensing node which senses~~ sensing charge in said ~~[[sensing]]~~ charge accumulating substrate; and

associating a readout circuit with each of said sensing nodes of each of said pixel areas, in a way that each said pixel area includes a dedicated readout circuit which is individually associated with each said pixel area.

2. (Original) A method as in claim 1, wherein a circuitry portion of said pixel area includes circuitry therein, and further comprising a lens system, covering at least said circuitry portion, and refracting impinging radiation to an area of said photogate.